

20001112.qrp v02_n004.qrl.20001112

Date: Sun, 12 Nov 2000 19:03:12 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2004

QRP-L Digest 2004

Topics covered in this issue include:

- 1) [83816] CW Speed - solution not complaints!
by "Charles Mabbott" <crmabbott@mediaone.net>
- 2) [83817] QST QRP Showcase - Making new friends...
by "K7FD-N7SG" <cqdx@teleport.com>
- 3) [83818] OPERATING - Slow CW nets
by n5ib@juno.com
- 4) [83819] Re: Mounting of PSK-80 in LMB-139
by "George Heron N2APB" <n2apb@erols.com>
- 5) [83820] OPERATING - Slow Speed CW Nets - Mountain States
by k0co <k0co@arrl.net>
- 6) [83821] Re: Frequency Movie
by Bob Nielsen <nielsen@oz.net>
- 7) [83822] Good AF4PS Cub Hunt showing :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 8) [83823] Contest, Re: SS Score
by Dean W Manley <kh6b@juno.com>
- 9) [83824] psk31 on east coast
by hamjoel@juno.com
- 10) [83825] Just witnessed 80m go from lousy to wide open ! (or, is PSK31 phenomenal or what)
by n4qa@juno.com
- 11) [83826] RE: CW Speed and Contests
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 12) [83827] 80M CW & PSK31 Antenna
by John R Kirby <n3aaz-qrp@juno.com>
- 13) [83828] Unofficial Fox scoring site updated
by John Wagner <john@neknetwork.com>
- 14) [83829] Varactor ID?
by "Dennis Payton" <dpayton@fwi.com>
- 15) [83830] CW Practice Station on 7.100 - W6ADO
by "Trevor Jacobs" <fxtech@earthlink.net>
- 16) [83831] Re: CW Speed and Contests
by "Gordon Cougar" <gcouger@couger.com>
- 17) [83832] PSK-31 Linux
by muglesto@megsinet.net
- 18) [83833] PSK:Warbler QSO
by james-rhonda@juno.com

- 19) [83834] Re: PSK-31 Linux
by "Karl F. Larsen" <k5di@zianet.com>
- 20) [83835] Air Variable Capacitor Manufacturer Found
by "Trevor Jacobs" <fxtech@earthlink.net>
- 21) [83836] PKS31 Place
by "Dan W. Dooley" <dandooley@pipeline.com>
- 22) [83837] Small Flexible Cables
by "Chuck Carpenter" <w5usj@globeco.net>
- 23) [83838] Fw: Varactor ID?
by "w8diz" <w8diz@cinci.rr.com>
- 24) [83839] FOX Hunting is addictive
by "Karl F. Larsen" <k5di@zianet.com>
- 25) [83840] Re: RF Out of the shack
by Rick McKee <kc8aon@juno.com>
- 26) [83841] Re: [off topic] Fire Sprinkler comments
by Rick McKee <kc8aon@juno.com>
- 27) [83842] Re: [off topic] Fire Sprinkler comments
by "Mike Yetsko" <myetsko@insydesw.com>
- 28) [83843] Re: Air Variable Capacitor Manufacturer Found
by Phil Wheeler <w7ox@earthlink.net>
- 29) [83844] Re: FOX Hunting is addictive
by K2FN@aol.com
- 30) [83845] FS: Century 21, 22
by "Mark Paley" <mpaley@wcnet.org>
- 31) [83846] Re: PSK-31 Linux
by John Wagner <john@neknetwork.com>
- 32) [83847] Re: Air Variable Capacitor Manufacturer Found
by "E. Roswell" <eroswell@monmouth.com>
- 33) [83848] Operating: Meaning of "dd"
by Lee Hopper <leehop@uswest.net>
- 34) [83849] RE: PSK-31 Linux
by Rich Mulvey <mulveyr@iname.com>
- 35) [83850] Re: PSK-31 Linux
by Rich Mulvey <mulveyr@iname.com>
- 36) [83851] PSK 10
by John R Kirby <n3aaz-qrp@juno.com>
- 37) [83852] Contest??
by "Ron Polityka" <wb3aal@fast.net>
- 38) [83853] Tuna Tin Activities
by "Steve McDonald" <jsm@gulfislands.com>
- 39) [83854] Repeat--K0EVZ Final Log
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 40) [83855] Re: 80M CW & PSK31 short vertical
by "Jean Jibouleau" <jiboulj@globetrotter.net>
- 41) [83856] Re: PSK-31 Linux
by "John L. Sielke" <jsielke@pobox.com>
- 42) [83857] FS : THP HT-750 , web address
by Tom Mc <tjmc@erols.com>

- 43) [83858] soundcard/psk ?
by n2go@arrl.net
- 44) [83859] Re: soundcard/psk ?
by "Larry Wise" <lewise@txwises.com>
- 45) [83860] Nov SS SSB
by "Ron Polityka" <wb3aal@fast.net>
- 46) [83861] Re: Nov SS SSB
by "Karl F. Larsen" <k5di@zianet.com>
- 47) [83862] RFI LDG DWM-4
by "Rod Cercone" <n0rc@hotmail.com>
- 48) [83863] Re: RF Out of the shack
by John R Kirby <n3aaz-qrp@juno.com>
- 49) [83864] Re: soundcard/psk ?
by "George, W5YR" <w5yr@att.net>
- 50) [83865] Watt meter
by "Tntjoe" <tntjoe@qwest.net>
- 51) [83866] Re: 80M CW & PSK31 short vertical
by "George, W5YR" <w5yr@att.net>
- 52) [83867] Re: Watt meter
by "Rod Cercone" <n0rc@hotmail.com>
- 53) [83868] my view on cw speed
by "Hans Kaper" <hanskap@kaper-1.tmfweb.nl>
- 54) [83869] IC706MKIIG tuner button
by "Benedict B. Cruise" <B.Cruise@worldnet.att.net>
- 55) [83870] Re: 80M CW & PSK31 short vertical
by Phil Wheeler <w7ox@earthlink.net>
- 56) [83871] RE: 80M CW & PSK31 short vertical
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 57) [83872] Re: Watt meter
by Lew Paceley <lew@paceley.com>
- 58) [83873] FS: T-T Scout 555
by "Steven Weber" <kd1jv@moose.ncia.net>
- 59) [83874] Re: Nov SS SSB
by "DONALD G. DORN" <DDORN@CWIS.NET>
- 60) [83875] W/R ANT... NEED HEP... PLEASE
by hamjoel@juno.com
- 61) [83876] Re: QRP at the North Pole
by Chuck Adams <k7qo@primenet.com>
- 62) [83877] Re: Watt meter
by "Mark Fancher" <mmfanche@gateway.net>
- 63) [83878] QRP power meters
by Euramcom <mel@euramcom.freemove.co.uk>
- 64) [83879] Re: SS Score & Comments
by Chuck Adams <k7qo@primenet.com>
- 65) [83880] Re: QRP at the North Pole
by "George T. Baker" <w5yr@att.net>
- 66) [83881] Re: QRP at the North Pole
by "Mike Yetko" <myetko@insydesw.com>

- 67) [83882] Re: QRP at the North Pole
by baltimoremd@baltimoremd.com
- 68) [83883] (FOX)- Final Final Log - I made more mistakes
by "James R. Duffey" <jamesd1@flash.net>
- 69) [83884] Switching balun ratios & great antenna weather
by Nils B Young <rantinen@juno.com>
- 70) [83885] Re: Brass Paddle Plans
by "Aartec" <aartec@dwx.com>
- 71) [83886] Re: QRP at the North Pole
by Bruce Muscolino <w6toy@erols.com>
- 72) [83887] Re: QRP at the North Pole
by N0tk@aol.com
- 73) [83888] Re: QRP at the North Pole
by baltimoremd@baltimoremd.com
- 74) [83889] Re: Nov SS SSB
by "Karl F. Larsen" <k5di@zianet.com>
- 75) [83890] Re: my view on cw speed
by "Karl F. Larsen" <k5di@zianet.com>
- 76) [83891] Two Element Yagis - The Purpose of the Reflector and Director
by "James R. Duffey" <jamesd1@flash.net>
- 77) [83892] Re: QRP at the North Pole
by "Don Wilhelm" <w3fpr@arrl.net>

Date: Sat, 11 Nov 2000 19:15:25 -0500
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: "QRP-Post \ (E-mail\)" <qrp-1@Lehigh.EDU>
Subject: [83816] CW Speed - solution not complaints!
Message-ID: <000101c04c3d\$a823ac00\$0201a8c0@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now if all the folks who check into various nets around the country take some time and post some info about good nets they know of, this can become a wealth of knowledge for the folks who are really interested. Here's mine!

The Triple States Amateur Radio club has a slow CW net at 7140 kHz Wednesday at 8:00 pm EST - WD8DDE

The following are nets I have checked into and they always welcome new people regardless of the speed.

North Eastern QRP club CW nets
<http://www.qsl.net/wq1rp/nets.htm>

Flying Pig QRP club CW nets
<http://www.mpna.com/fpqrp/bb0900.pdf>

MI QRP club Tuesday night 9:00 pm 3535 kHz
<http://www.tir.com/~k8dd/miqrp.htm>

As your speed picks up let me suggest, for example the MI CW traffic net, twice a day 7 days a week. I listened to this for about three weeks, then gave it a shot.
<http://www.qsl.net/w8ihx/>

They will slow down for you! Normally run 18 .. 25, but I have heard them slow down for new folks.

There are people out there, the slower folks just need help in finding them..... See ya on the bands.

73 es oo
Chuck AA8VS

Date: Sun, 12 Nov 2000 00:45:08 -0800
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83817] QST QRP Showcase - Making new friends...
Message-ID: <005901c04c84\$ddc149c0\$8d231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow, I worked THREE hams in the last ten minutes...who were visiting the 20m qrp frequency after reading the QST QRP article and getting enthused about qrp! Brace yourself for a winter blast of fresh new qrp'ers...

73 John K7FD

Date: Sat, 11 Nov 2000 19:54:30 EST
From: n5ib@juno.com

To: qrp-1@Lehigh.edu
Subject: [83818] OPERATING - Slow CW nets
Message-ID: <20001111.185308.4671.3.N5IB@juno.com>

On Sat, 11 Nov 2000 19:15:25 -0500 "Charles Mabbott"
<crmabbott@mediaone.net> writes:
>Now if all the folks who check into various nets around
>the country take some time and post some info about good
>nets they know of, this can become a wealth of knowledge

I'll say a word about the 3905 Century Club. They sponsor a cw net near 7053 on Tu Th Sa at 0200, which becomes M W F nights USA time. The Friday night session is run as a slow net, about 10 wpm, and the ncs will go slower if needed. Everyone is welcome, no memberships required. I've checked in occasionally, as W5YW - the LSU club, because they need a station in the Louisiana capitol. 7053 should be in the tuning range of most QRP rigs, or can be with only minor tweaking. They apparently also have a special category for QRP contacts, because I'm always asked to identify as QRP and state my power. I haven't read the award rules carefully enough to know, however.

This is basically a W.A.S. net, where stations are given a chance to call other stations on the net. The club offers awards for WAS, WAS state capitols, and so on. Extra points for state capitols, for two hams in the same family, and other specialties. They even run their own, free, QSL bureau, and have a web site, at <<http://www.qsl.net/3905ccn>> that has a run-down on all their activities.

It can be good cw training because you have to listen a lot, in case another net member wants to call you. So basically you listen to the whole proceedings, answer any calls directed your way, and get your turn in the rotation to call someone. New stations are usually "welcomed" by getting a lot of calls. And if you're in a rare state or capitol - like SD - you'll be very popular. The NCS uses the special "QN" signals to direct the net and it generally carries on very professionally. The nights I have been able to QNI (check in) there have usually been on the order of a dozen stations on the net. It's a wide coverage net and there always seems someone able to relay to NCS for you if needed.

72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 11 Nov 2000 20:00:15 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>, <w7ox@earthlink.net>
Subject: [83819] Re: Mounting of PSK-80 in LMB-139
Message-ID: <027b01c04c43\$f02bdc60\$50c809c0@gheron>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joe N2CX now has the LMB-139 enclosure documented on the Warbler "Kit Notes" website. I thought I had mentioned the standoffs used when I posted the template, but I now see that it's not explicitly shown.

If you use the 1/2" datum shown on the diagram for the audio jacks to the inside bottom of the enclosure "floor", and measure your Warbler, you'll note that a 5/16" standoff would be needed. That is, put the 1/2" mark of a scale at the center of one of the audio jacks and you'll see that the length of the scale protruding below the board is the length of the standoff you would use with the panel dimensions shown.

In actuality, I think I used a 1" long 4-40 screw in each corner of the board, inserted from the bottom of the chassis and secured with a 4-40 nut to the chassis. Then I put another 4-40 nut onto each screw and ran it done tight against the first one. I then carefully angled the board connectors into the panel cutouts and slipped the board onto the 1" screws. And finally I secured the board with another 4-40 nut on each screw. So as it turns out, two 4-40 nuts were about 5/16" high.

73, George N2APB

=====
Since this is a standard combination, with a template for the back-panel holes at the NJQRP web site (dimensions.jpg), I'd appreciate someone telling me what standoff lengths they used .. or how high above the bottom of the LMB-139 the PCB sits with the back-panel hole configuration at NJQRP web site.

Date: Sat, 11 Nov 2000 18:29:59 -0700
From: k0co <k0co@arrl.net>
To: ham_QRP-l <qrp-l@lehigh.edu>
Subject: [83820] OPERATING - Slow Speed CW Nets - Mountain States

Message-ID: <3A0DF297.30D9A24C@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Coincidentally with this thread, this week I just joined in on my first CW traffic net in 38 years of hamming. I just never knew how; hey I'm QN.-challenged, I guess. But the following invite from a local club member gave me the basics - enough to jump in without embarrassing myself or screwing up a running net - it's kinda fun developing a new operating skill and at 8 wpm, it's lots easier than working a SS contest - ;-)
k0co jack denver

=====

> We hope you will join us on the Mountain States Net [MSN],
> a
> slow-speed-CW net supported by experienced stations from
> the Region to
> encourage improved CW operating abilities, familiarity
> with message ("traffic")
> relaying procedures, and increased support of Section Nets
> in AZ, CO, NM, UT
> and WY. The net will be called at 8-10 WPM daily, on 3715
> at 7:45 PM MDT
> [0245Z]; and the Net Control will match the speed of
> stations checking in,
> returning to a nominal speed to continue calling the net.
>
> NEWCOMERS will want to monitor the net for several
> sessions, to grow accustomed
> to procedures. The Net Control Station (NCS) will not
> call roll, but simply
> calls "MSN MSN DE W0NCS" (he may send BK or K [BREAK]),
> and stations send one
> letter (for example "H"), allowing the NCS to pick one
> out of a crowd.
> Experienced ops, with (QTC, or "traffic") will check in
> the first couple
> minutes, and will be sent off-frequency with ops who can
> take traffic to their
> section/state/local SSB or FM nets for delivery, without
> tying up the net
> frequency.
>
> When the early business slows down, and the NCS sends
> your letter, just

> send "DE W0HXB QRU" (I have no traffic). The 1st time you
 QNI (check-in), the
 > NCS will generally ask for your Name and QTH (City,
 state). He may ask you to
 > "AS" (WAIT) to be excused or to QSO later; or he may ask a
 more experienced op
 > on the net to call you and take you off-frequency "UP 5",
 "DWN 10", (Khz) etc.
 > from net frequency for a QSO, and to excuse you "QRU QNX
 (you are excused) 73
 > ES (and) CUL (see you later) BK".
 >
 > The net generally will last for 10 minutes, although heavy
 traffic or a QSO may
 > keep the frequency busy for a while after QNF (the net is
 FREE). Plan to enjoy
 > yourself in the company of good CW ops --you generally
 will not be given
 > messages until you have checked in a number of times, your
 speed and command of
 > procedures picks up, and the net gets to know you and what
 areas you can call
 > to deliver a message, or what local nets you are active
 in. Try copying
 > messages on or off-frequency; and expect an occasional QNC
 (ALL STNS COPY)
 > announcement or practice message to be
 > sent. Later, you may want to take a liaison slot to TWN
 (Twelfth Region Net),
 > our next higher-level net.
 >
 > MON TUES WED THURS FRI SAT
 SUN
 > NCS W0HXB AD0A NA7G W0LQ WA7LEA W5ZZM KI0RP
 > TWN -----

 Date: Sat, 11 Nov 2000 17:32:51 -0800
 From: Bob Nielsen <nielsen@oz.net>
 To: qrp-1@lehigh.edu
 Subject: [83821] Re: Frequency Movie
 Message-ID: <20001111173251.A8122@oz.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Disposition: inline

Actually there is a type of system in which all the heads are activated at once. It is called a "deluge system" and an external sensor is used to trigger a valve which supplies water to the entire system. These can also be activated by smoke detectors rather than heat in some applications. This type of sprinkler system is much less common than the type where each head has a heat activated sensor. Of course, in a movie often "anything goes".

On Sat, Nov 11, 2000 at 02:49:05PM -0700, moglesto@megsinet.net wrote:

> That make more sense - I always wondered how they all went off - it's
> always done that way in the movies.

>

> On Sat, 11 Nov 2000, Steve Muncy wrote:

>

> >In the scene in the police station in which

> > a small flame was produced to activate the automatic sprinkler, ALL of the

> > sprinklers were activated. This simply doesn't happen. Each fire sprinkler

> > head is activated by heat. Only those fire sprinklers that are directly

> > activated by excessive heat will pop allowing water to flow. In most fires,

> > only one or two opened sprinkler heads are sufficient to put out the fire.

> >

> > My two cents.....

--

Bob Nielsen, N7XY

Bainbridge Island, WA

nielsen@oz.net

<http://www.oz.net/~nielsen>

Date: Sat, 11 Nov 2000 20:58:29 -0500

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: "INTERNET:john@neknetwork.com" <john@neknetwork.com>

Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>

Subject: [83822] Good AF4PS Cub Hunt showing :-)

Message-ID: <200011112058_MC2-BA75-F56D@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;

charset=ISO-8859-1

Content-Disposition: inline

John:

Well I join you and the others in congratulating and thanking Mac for this
s

outing, and for being a FOX Cub. This was an exceptional showing,
especially since he hears a constant QRN noise level at his Florida QTH. =
I
heard it also, solid S7 - S9+20 for the entire regular FOX hunt on
Thursday. Takes someone with lots of patience and good skills to make a =
go
of it, but Mac was up to the challenge.

Thanks Mac, and thanks to all who participated. NOTE--there are more hun=
ts
coming up, so I encourage everyone to jump in. =

72/73,
--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Sat, 11 Nov 2000 21:58:17 EST
From: Dean W Manley <kh6b@juno.com>
To: qrp-l@lehigh.edu
Cc: kh6b@juno.com
Subject: [83823] Contest, Re: SS Score
Message-ID: <20001111.165856.5391.0.kh6b@juno.com>

Hi Contesters,

I've sent in my summary sheet and log for the ARRL SS - CW,
also the QRP Running of the Bulls that ran at the same time.

My participation was limited due to bad weather, building my
K1 and other stuff. My 13 contacts were on 10, 15 and 20m.
Some were with "Q" stations.

I hope all participants remember to send in their results, no
matter how small.

Aloha,

Dean KH6B
Hilo Hawaii

>"Lau, Zack, W1VT" wrote:

>> We had a claimed QSO total of 1326 . . .
>> --Zack W1VT

Date: Sat, 11 Nov 2000 22:09:09 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [83824] psk31 on east coast
Message-ID: <20001111.220911.-339763.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

high y'all

well I got myself on eighty PSK31 tonite... Worked Dave KC1DI
and heard many other stations, n3aaz, n9cx, wb4obo, ve2ft,
k5zpz, w2lja and many more...

Heard lots of cq test on 40 cw but heard no one giving an exchange...
got my 40mtr wire beam turned west in favor of Steve and his tuna fish
xmtr...

with the rope I have now I can go from sw to almost nw in 15 minutes or
less... going to look at a tree just behind the house tomorrow and see if
it will let me set up another element without using an outrageously long
dowel rod...

oh got my k2 and qrp+ side by side and looking at the filters with
spectrogram...k2 got it beat, however the qrp++ looks good and I have
enjoyed it (qrp++) for a number of years now... in fact I need to put the
third battery for the memory chip in the little critter...

I'm also going to put a switch so I can switch the iambic key between
the two radios... without plugging and unplugging...

iffin ur reading this Ed.... thanks for putting together little Eddie
Silver... sheaux be nice...

kella

joel in maine

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 11 Nov 2000 22:16:27 -0500
From: n4qa@juno.com
To: qrp-1@Lehigh.EDU
Subject: [83825] Just witnessed 80m go from lousy to wide open ! (or, is PSK31

phenomenal or what)
Message-ID: <20001111.221630.-158693.0.n4qa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi, gang.
Been "watching" the 80m PSK31 band again.
Early this evening ,was watching stations running 50 watts etc through
plenty of noise.
Just now, however, was watching Ken N9VV on his PSK-80 at 3 w and Jim
KJ5TF who was running 700 mw !
Now, Ken's signal (bright red) was quite a bit stronger than Jim's
(Ghostly yellow) but had decent copy on both.
I have graduated to receiving with the TS-440S and have been
experimenting with filter settings, AGC and such and generally just
really getting into this Warbly stuff :)

No, I ain't transmitted nuttin', honey 'cuz Y'all know what I'm waitin'
fer in that regard...

Man, if this is any indication of things to come this Winter.... watchout
!!!

73-1,
Bill, N4QA

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 11 Nov 2000 22:28:30 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
To: <k5zty@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [83826] RE: CW Speed and Contests
Message-ID: <LPBBJAGIPFHKPJENAKL00EDOCPAA.n1bq@wulfdn.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: Bill Stietenroth
> Sent: Saturday, November 11, 2000 14:36 PM
>
> I find that most wannabe cw ops only want to talk about it.
> I've been trying to get some of the local slow code extras
> who have said " if we only had a slow speed event...." to
> get into the cub fox hunt. They always have some excuse
> not to. If someone wants to be a cw op, they will, but
> as the saying goes, "...you can't make 'em drink."

Yes, indeed there will always be those who will be there as soon as they find their 'round tuit' ... but your statement "If someone wants to be a cw op, they will," puts me in mind of the medieval proponents of abiogenesis, or life coming from nothing but the raw elements ... there are a significant number of us out there who are mixing it up in the FOX Cub (and yes, 10 wpm sounds awful fast to my 5wpm brain right now), and pounding brass with long unanswered CQs out there ... if the experienced guys don't take some time to help the newcomers there won't be any newcomers pretty soon.

Fortunately the attitudes aren't universal ... I have had a dozen offlist messages of guys offering to sked with me and of that I am truly grateful ... but I would be even more grateful if even one of every fifty who read this list would spend one lousy hour once a week trolling the novice code sections, answering slow CQs or sending some slow CQs themselves.

I am one of those "glass is half full" guys myself. I don't believe that CW is going to die anytime soon. Despite my optimism it may die, but like the mouse throwing the finger at the diving hawk, I will do what ever little I can to keep it going, starting with the classes I teach and stuff I try to organize through the club I belong to. I just got in from dinner out and on my way home a local ham who just upgraded to Extra called me on the local repeater and he had missed the TT2 night I organized a month ago but had become interested in QRP/CW and was asking me about the rigs reviewed in this issue of Q-Street. I told him I had an OHR100 and a TenTec 1340 and he was welcome to borrow them and try them out before laying out his money ...

It is time to wake up and smell the coffee ... restructuring has come, Novice bands of old are effectively gone since the 'novice' license gives em 2 meter FM privileges and there isn't any incentive to go CW ... if we lead by example it means getting down and dirty into the 5 wpm trenches.

Here we are discussing this on QRP-L ... for the most part its preaching to the choir. CW is not just a bunch of old farts stuck and reveling in an archaic mode of communication ... something I was guilty of saying.

Instead, I find a vibrant alive group of guys pushing the envelope in operating techniques, antenna design, etc. But you wouldn't know it much beyond the confines of the list. Giving in, saying of CW "... its gonna die, I will stick with it, but I will probably be one of the last practitioners!" is to condemn it to death ... be an evangelist, lead by example, show new hams the joys of building your own stiff in a minimalist vein and then working way beyond the veil ... give them the chance to get the thrill I had this morning working Steve in British Columbia on his Tuna Tin 2 all the way over here in Vermont.

<end soapbox>

72 de brian

Date: Sat, 11 Nov 2000 23:07:18 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: kj5tf@yahoo.com, qrp-1@Lehigh.EDU
Subject: [83827] 80M CW & PSK31 Antenna
Message-ID: <20001111.230726.-95841.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello Jim,

I love it . . . that-s what hammin is all about . . .
Dave (NN1G) was right . . . a lot of new antenna will be discussed real soon . . .

80 is bustin open here at Grid . . . FM 19 xa . . . tonight (three new PSK states and VE2).

I put up a new 80 meter antenna too and
it is on fire tonight,
all my QSOs were solid two way and
I am only QRP 5W.

The 196 foot >long< version (common zip cord at \$ 0.08 per foot) shown on page 4 of QRPp 2000 Summer edition and
it is not even in a straight line, in fact
it has several bends (234 / 3.58) X 3 = 196 feet) . . .

I will listen for you tomorrow night.

72
John
N3AAZ
FM 19 xa

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Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 11 Nov 2000 23:27:06 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83828] Unofficial Fox scoring site updated
Message-ID: <3A0E1C1A.FC0E3822@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy,

I've updated my unofficial fox scoring site (the official site is at:
<http://www.cqc.org/fox/>) up to hunt #6. The official site has the logs,
and I'm now waiting to get them from there before posting to my site.

My site breaks out team, fox and hound scores. It also splits the logs
out by SPC and will soon offer a graphical map of the fox/hound
interludes. Please note that Bruce Rattray is the final word on the team
scores, not my site.

Have a look at: <http://www.neknetwork.com/foxteam/>

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Sun, 12 Nov 2000 00:25:16 -0500
From: "Dennis Payton" <dpayton@fwi.com>

To: <qrp-1@Lehigh.EDU>
Subject: [83829] Varactor ID?
Message-ID: <004101c04c68\$f1f8d460\$a3a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've got several types of varactors that I've pulled from boards or purchased and carelessly forgotten to label that have only color codes on them (horizontal stripes). The codes are on the front and back. Is it possible for me to identify them?

Also I've got some capacitors that I think are NPO that have A1J on them. Could the A1 possibly be another designation for NPO that I've not seen before?

Thanks!

Denny Payton, N9JXY
Auburn, IN

Date: Sat, 11 Nov 2000 22:43:07 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83830] CW Practice Station on 7.100 - W6AD0
Message-ID: <013c01c04c73\$d1a0cbe0\$6a9fb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Guys and Gals,

Well, with all of the messages concerning CW Speed and practicing lately, I just thought that I'd mention that a station here in the Los Angeles area transmits CW at varying speeds starting slow and going up to like 30 WPM every day 24 hours a day on 7.100 MHz. Don't know how many of you can RX them, but it's what I use to practice. They transmit a variety of text and mixed letters and such. It's really handy. Could also be used as a beacon station for this area. The station call sign is W6AD0. I tend to use this to warm up at night before going on the air. Hope this helps some of you out there. I know that the code can be frustrating (I know it is to me some times), but the rewards of DX QRP QSO's are worth the effort! I just worked a new state tonight on 7.143 MHz (I've been sticking around there lately). I called out CQ a few times and K0PN came back to me from Ely,MN!!!

I was using my Icom IC-718 set to just under 5 watts. Was a lot of fun and a great QSO. I think I only missed 1 or 2 letters. He had a very steady fist and was armchair copy! I think we were doing around 7 wpm. If anyone wants to set up a sched, I'll be around all day tomorrow. Just e-mail me. It's usually on all day! Take care...

73

Trev

KG6CYN

Date: Sun, 12 Nov 2000 01:15:05 -0600
From: "Gordon Couger" <gcouger@couger.com>
To: <n1bq@wulfdn.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83831] Re: CW Speed and Contests
Message-ID: <086601c04c78\$48ec3500\$03daf0d0@home.xxx>

Wait until the last three hours of the contest and get on frequency and send your call at a speed you can easily receive and they will come back at a speed you can receive. Even your QRP rig gets a lot stronger the last few hours when they are looking for new ones. They will take any thing they can get. If you can find a clear frequency you can even get answers to slow CQ's. I would add QRP if I was running QRP so they won't pass you over as too weak to mess with.

Gordon

Gordon Couger gcouger@couger.com
Stillwater, OK www.couger.com/gcouger
405 624-2855 GMT -6:00

From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>

> >

> > I find that most wannabe cw ops only want to talk about it.

> > I've been trying to get some of the local slow code extras

> > who have said " if we only had a slow speed event...." to

> > get into the cub fox hunt. They always have some excuse

> > not to. If someone wants to be a cw op, they will, but

> > as the saying goes, "...you can't make 'em drink."

>

> Yes, indeed there will always be those who will be there as soon as

> they find their 'round tuit' ... but your statement "If someone wants to

> be a cw op, they will," puts me in mind of the medieval proponents of

> abiogenesis, or life coming from nothing but the raw elements ... there

> are a significant number of us out there who are mixing it up in the FOX

> Cub (and yes, 10 wpm sounds awful fast to my 5wpm brain right now), and

> pounding brass with long unanswered CQs out there ... if the experienced

> guys don't take some time to help the newcomers there won't be any
> newcomers pretty soon.
>
> Fortunately the attitudes aren't universal ... I have had a dozen
> offlist messages of guys offering to sked with me and of that I am truly
> grateful ... but I would be even more grateful if even one of every
> fifty who read this list would spend one lousy hour once a week trolling
> the novice code sections, answering slow CQs or sending some slow CQs
> themselves.
>
> I am one of those "glass is half full" guys myself. I don't believe
> that CW is going to die anytime soon. Despite my optimism it may die,
> but like the mouse throwing the finger at the diving hawk, I will do
> what ever little I can to keep it going, starting with the classes I
> teach and stuff I try to organize through the club I belong to. I just
> got in from dinner out and on my way home a local ham who just upgraded
> to Extra called me on the local repeater and he had missed the TT2 night
> I organized a month ago but had become interested in QRP/CW and was
> asking me about the rigs reviewed in this issue of Q-Street. I told him
> I had an OHR100 and a TenTec 1340 and he was welcome to borrow them and
> try them out before laying out his money ...
>
> It is time to wake up and smell the coffee ... restructuring has come,
> Novice bands of old are effectively gone since the 'novice" license
> gives em 2 meter FM privileges and there isn't any incentive to go CW
> ... if we lead by example it means getting down and dirty into the 5 wpm
> trenches.
>
> Here we are discussing this on QRP-L ... for the most part its preaching
> to the choir. CW is not just a bunch of old farts stuck and reveling in
> an archaic mode of communication ... something I was guilty of saying.
> Instead, I find a vibrant alive group of guys pushing the envelope in
> operating techniques, antenna design, etc. But you wouldn't know it much
> beyond the confines of the list. Giving in, saying of CW "... its gonna
> die, I will stick with it, but I will probably be one of the last
> practitioners!" is to condemn it to death ... be an evangelist, lead by
> example, show new hams the joys of building your own stiff in a
> minimalist vein and then working way beyond the veil ... give them the
> chance to get the thrill I had this morning working Steve in British
> Columbia on his Tuna Tin 2 all the way over here in Vermont.
>
> <end soapbox>
>
> 72 de brian
>
>

Date: Sat, 11 Nov 2000 22:37:49 -0700 (MST)
From: mugglesto@megsinet.net
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [83832] PSK-31 Linux
Message-ID: <Pine.LNX.4.10.10011112231210.3040-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've been following PSK-31 threads for awhile and paid some (not much) attention.

Went to the Colorado QRP Club (CQC) meeting today and Al K0FRP gave a fantastic presentation on it so I decided why not give it a spin.

I got two versions of PSK for Linux on my machine and one installed FB the more interesting and complete looking one twpsk-1.1.tar.gz didn't want to install correctly.

Running make I got a series of the following errors:

GUI.h:47:Xm/#####.h: No such file or directory

where ##### is the name or about 25 or so files.

Anyone installed this and know what my problem is?

Thanks and 72's

de KI00T, Brad

BTW I am running RH 6.0 (2.2.5-15)

Date: Sun, 12 Nov 2000 02:22:35 -0600
From: james-rhonda@juno.com
To: qrp-1@Lehigh.EDU
Subject: [83833] PSK:Warbler QSO
Message-ID: <20001112.022237.-556273.1.james-rhonda@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Howdy,

My Warbler is up and running. I finished the kit this morning and spent some time this afternoon watching several conversations and made notes so that I would not go blank on what buttons to push with the mouse and when to click on them. My first contact was Ron K7UV in Brigham City, Utah and the second was with Roger KD6CC in Riverside, Ca. Both Roger and I were using Warblers. This was a nice contact as I was seeing about 60% to 70% copy during most of the QSO and during his last Transmission it was near 95%. The copy on his end was not quite as high but we could communicate. The Antenna on my end is a 80 meter loop only about 30 ft at the highest point. This is too fun!

72/73/ James Wayne Rue KC5HAC
Henrietta, TX QRP-L #1827 SOC #191 AGN?
Norcal Zombie #591 FISTS #3893

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 12 Nov 2000 05:11:53 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: moglesto@megsinet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83834] Re: PSK-31 Linux
Message-ID: <Pine.LNX.4.10.10011120505390.772-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Can't tell Brad but it looks like the compiler is not finding a needed library or X file. You can look at the actual xxx.h file and the compiler error message tells you which line, and see exactly what it is looking for.

I'm running Red Hat 6.1 so when you find out what's not being found let me know what it is and I'll check on this version. Also make sure your using a root login while compiling.

On Sat, 11 Nov 2000 moglesto@megsinet.net wrote:

> I've been following PSK-31 threads for awhile and paid some (not much)
> attention.
>
> Went to the Colorado QRP Club (CQC) meeting today and Al K0FRP gave a
> fantastic presentation on it so I decided why not give it a spin.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 12 Nov 2000 04:24:31 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83835] Air Variable Capacitor Manufacturer Found
Message-ID: <018101c04ca3\$82fef0e0\$6a9fb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Everyone,

Has anyone ever done business with Oren Elliot Products
(<http://www.orenelliottproducts.com/index.html>)? They manufacture Air
Variable Capacitors!!!!!! I've e-mailed them for information, but was
wondering if any of you have ever done business with them. From their web
site they look like they make a nice product. I don't want to get too excited
though, because they may be an OEM company and require large volume buys.
Nice to know that someone still makes them though. Take care...

73
Trev
KG6CYN

Date: Sun, 12 Nov 2000 06:26:24 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [83836] PKS31 Place
Message-ID: <002b01c04ca3\$c9c0a640\$0100a8c0@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I'm seeing a lot of PSK31 related posts here lately and I think that it is not OT in that it's simply another mode very conducive to QRP operations. I'm active on it as well, running 2 to 3 watts.

I do see however, questions posted here pertaining to technical issues of the mode, and just wanted to let any of the new comers to the mode know that there is an active mailing list (like this one) dedicated to PSK31 activities. Lot's of experience there.

Not meaning to run any off of here, just to let you all know of another resource of PSK31 information. The site is:
<http://aintel.bi.ehu.es/psk31.html>. You can subscribe to the list there.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

Date: Sun, 12 Nov 2000 06:32:30 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-1@Lehigh.EDU
Subject: [83837] Small Flexible Cables
Message-ID: <3.0.2.32.20001112063230.006afa90@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-Lers,

If you haven't tried it, small flexible cables for connecting keys, keyers, and other such things can be had from your discarded computer mice. I found some of them are shielded with two wires and some have four wires unshielded. All are supple, flexible, and handy for the job.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Sun, 12 Nov 2000 08:03:48 -0500
From: "w8diz" <w8diz@cinci.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [83838] Fw: Varactor ID?
Message-ID: <008d01c04ca8\$ff56f700\$cb171d18@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Denny,

I tried to email you direct but got this error
"Error while writing to dropfile" so send to the group...

----- Original Message -----

From: "w8diz" <w8diz@cinci.rr.com>
To: <dpayton@fwi.com>
Sent: Sunday, November 12, 2000 7:51 AM
Subject: Re: Varactor ID?

Hey Denny,

I run into this problem all the time. My solution?.....
I use an LC meter from <http://www.aade.com>
I built a little test circuit to measure varactors with a
variable voltage source. WORKS GREAT

The AADE LC meter is a must have in the shack - at least MY shack :-)

ditdit

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FPqrp#-1 <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

----- Original Message -----

From: "Dennis Payton" <dpayton@fwi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, November 12, 2000 12:25 AM
Subject: Varactor ID?

I've got several types of varactors that I've pulled from boards or
purchased and carelessly forgotten to label that have only color codes on
them (horizontal stripes). The codes are on the front and back. Is it
possible for me to identify them?

Also I've got some capacitors that I think are NPO that have A1J on them.

Could the A1 possibly be another designation for NPO that I've not seen before?

Thanks!

Denny Payton, N9JXY
Auburn, IN

Date: Sun, 12 Nov 2000 06:05:26 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [83839] FOX Hunting is addictive
Message-ID: <Pine.LNX.4.10.10011120540360.772-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

When you first hear about a QRP Fox Hunt it sounds kind of odd. What can be the fun in trying to work a guy who tells you what frequency he is going to be on and over what time period?

When you go there the first time you discover a number of Hounds, nothing but a station like yours, trying to get a poor sole who is the Fox to hear them. Of course conditions and distance and noise and solar crud cause the Fox to not hear your first call...or your 23d call. But you keep trying and the Fox keeps trying to pull out your call.

Then, wonder of wonders the Fox calls YOU! With a shaky fist you send him your state name and power. The Fox says TU and your done. This means your call-sign will appear on the QRP-L list with all the other calls of Hounds that were successful.

You check the list right after you work the Fox, and you begin to see notes from other Hounds that either worked the Fox or don't even hear the Fox. You can put on a note saying the Fox was on 7042.3 KHz just a few minutes ago.

Then you settle back and grumble a little because you never even heard the Fox, or smile and think hey that's fun!

To learn the rules and meet the Fox, who is just another Hound that wants to try being a Fox, and see how your doing go to either of

these web pages:

<http://www.qsl.net/k5di/fox/>

<http://www.cqc.org/fox/>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 12 Nov 2000 08:30:47 EST
From: Rick McKee <kc8aon@juno.com>
To: n3aaz-qrp@juno.com, qrp-l@Lehigh.EDU
Subject: [83840] Re: RF Out of the shack
Message-ID: <20001112.083626.4479.0.kc8aon@juno.com>

For example,
if your favorite frequency is 3580.5 then
divide 234 by Freq (MHz) then multiply the quotient by an odd number . .
.

$$(234 / 3.58) \times 3 = 196 \text{ feet}$$

Don't forget to figure in the velocity factor for a feedline !

Example: 450 Ohm Ladder line - velocity factor = .92

$$196 \text{ feet} \times 0.92 = 180.32 \text{ feet}$$

(a quarter wave for a feedline is slightly shorter than the freespace length)

[illegible]

Date: Sun, 12 Nov 2000 08:33:59 EST

From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [83841] Re: [off topic] Fire Sprinkler comments
Message-ID: <20001112.083626.4479.1.kc8aon@juno.com>

Actually.... You are incorrect. I've seen this argument many times, and it comes from people who don't understand sprinkler systems.

"But are they QRP compliant ?"

Couldn't resist !

Best 73 & Don't get on a power trip !
Rick McKee, KC8AON Willow Wood, Ohio
QRP-L #2112 AR-QRP #269 Flying Pigs #33

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 12 Nov 2000 08:55:41 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83842] Re: [off topic] Fire Sprinkler comments
Message-ID: <00e301c04cb0\$40ecf500\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

But you might turn that fancy high power rig into QRP if that sprinkler lets loose on you!

> Actually.... You are incorrect. I've seen this argument
> many times, and it comes from people who don't
> understand sprinkler systems.
>

<http://www.surplussales.com/>

and they do sell in small (e.g., one) quantities. I've not dealt with them, but a local ham has, and is happy with the experience.

73, Phil W70X

Date: Sun, 12 Nov 2000 09:19:56 EST
From: K2FN@aol.com
To: qrp-l@lehigh.edu
Subject: [83844] Re: FOX Hunting is addictive
Message-ID: <90.beeb478.2740010c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm getting back to cw after not using it for close to 18 yrs. Needless to say my copy ability was lousy. I'm amazed how much my code has improved chasing the Fox for a few weeks. Much more effective than casual operating where you tend to stick with what's comfortable. Much thanks to all those who participate, hounds and the Foxes. I must be addicted. Why else would I be out in the dark of night in heavy rain moving a loop antenna. Frank.....
K2FN

- > When you first hear about a QRP Fox Hunt it sounds kind of odd.
- > What can be the fun in trying to work a guy who tells you what frequency
- > he is going to be on and over what time period?
- >
- > When you go there the first time you discover a number of Hounds,
- > nothing but a station like yours, trying to get a poor sole who is the Fox
- > to hear them. Of course conditions and distance and noise and solar crud
- > cause the Fox to not hear your first call...or your 23d call. But you keep
- > trying and the Fox keeps trying to pull out your call.
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- > Then, wonder of wonders the Fox calls YOU! With a shaky fist you
- > send him your state name and power. The Fox says TU and your done. This
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- > of Hounds that were successful.
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- > see notes from other Hounds that either worked the Fox or don't even hear
- > the Fox. You can put on a note saying the Fox was on 7042.3 KHz just a few
- > minutes ago.
- >
- > Then you settle back and grumble a little because you never even

> heard the Fox, or smile and think hey that's fun!
>
> To learn the rules and meet the Fox, who is just another Hound
> that wants to try being a Fox, and see how your doing go to either of
> these web pages:
>
> <http://www.qsl.net/k5di/fox/>
>
> <http://www.cqc.org/fox/>
>
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>

Date: Sun, 12 Nov 2000 09:35:55 -0800
From: "Mark Paley" <mpaley@wcnet.org>
To: "Tentec Reflector" <tentec@contesting.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Elecraft Reflector" <elecraft@qth.net>
Subject: [83845] FS: Century 21, 22
Message-ID: <006601c04ccf\$04274e80\$91ceae3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For sale--Tentec Century 21 analog.....\$200
Tentec Century 21 digital.....\$225
Tentec Century 22 with internal keyer.....\$275

Mark Paley--KF8KL--

K2 #250 K1 #117
mpaley@wcnet.org
<http://www.wcnet.org/~mpaley>

Date: Sun, 12 Nov 2000 09:53:07 -0500
From: John Wagner <john@neknetwork.com>
To: mugglesto@megsinet.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83846] Re: PSK-31 Linux
Message-ID: <3A0EAED3.52541306@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Xm/ is the path to the Motif header files. You either don't have Motif installed or the Makefile isn't configured correctly. If you want Motif (a large clunky, but previously thought of "standard") it's now free at <http://www.openmotif.org>.

I've been messing around with two of the Linux PSK programs. There are two that I think are almost useful are; gpsk and kpsk. I don't like either, but if you insist on running linux, I'd say these are your best bets.

Linux is lagging in this dept. Personally, I've been rebooting to windows and running digipan - it's far better then any of the linux programs available. kpsk shows the most promise, but don't hold your breath unless you want to work on it.

73,

John, KB1ENS

muglesto@megsinet.net wrote:

>
> I've been following PSK-31 threads for awhile and paid some (not much)
> attention.
>
> Went to the Colorado QRP Club (CQC) meeting today and Al K0FRP gave a
> fantastic presentation on it so I decided why not give it a spin.
>
> I got two versions of PSK for Linux on my machine and one installed FB the
> more interesting and complete looking one twpsk-1.1.tar.gz didn't want to
> install correctly.
>
> Running make I got a series of the following errors:
>
> GUI.h:47:Xm/##*##*##*##*##.h: No such file or directory
>
> where ##*##*##*##*## is the name or about 25 or so files.
>
> Anyone installed this and know what my problem is?
>
> Thanks and 72's
>

> de KI00T, Brad
>
> BTW I am running RH 6.0 (2.2.5-15)

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Sun, 12 Nov 2000 10:20:05 -0800
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [83847] Re: Air Variable Capacitor Manufacturer Found
Message-ID: <3A0EDF55.D6E2FBD3@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is a lot of info on their web site, but it is not obvious; you go to individual capaitor info using the "site map" button. The N50 type seems to be the QRP models.

Ed,
K2MGM.

Date: Sun, 12 Nov 2000 07:59:28 -0800
From: Lee Hopper <leehop@uswest.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [83848] Operating: Meaning of "dd"
Message-ID: <3A0EBE60.7EF795CE@pop.ptld.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all -

Had my first USA-Japan 2*qrp qso with ji8ncz/8/qrp last night, Kazu - he's got a great fist. When I told him I was running 5 watts from a K2, he responded "k2 dd?". I didn't know what he was asking so I resent the "K2". But then he resent "K2 dd?" so I sent the serial number (OK, it was a stab in the dark) but I still don't think I answered his question.

Anybody know what "dd" means?

thanks -

Lee Hopper, KD7CTF
Portland, OR, USA

Date: Sun, 12 Nov 2000 10:54:48 -0500 (EST)
From: Rich Mulvey <mulveyr@iname.com>
To: mugglesto@megsinet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83849] RE: PSK-31 Linux
Message-ID: <XFMail.001112105448.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 12-Nov-00 mugglesto@megsinet.net wrote:

> I've been following PSK-31 threads for awhile and paid some (not much)
> attention.
>
> Went to the Colorado QRP Club (CQC) meeting today and Al K0FRP gave a
> fantastic presentation on it so I decided why not give it a spin.
>
> I got two versions of PSK for Linux on my machine and one installed FB the
> more interesting and complete looking one twpsk-1.1.tar.gz didn't want to
> install correctly.
>
> Running make I got a series of the following errors:
>
> GUI.h:47:Xm/##*##*##*##*##.h: No such file or directory
>
> where ##*##*##*##*## is the name or about 25 or so files.

Hi Brad:

You're missing the Motif development files. In the Linux world, people generally don't use "Real" Motif - instead, they use a clone named Lesstif. You can find the RPM file for Lesstiff at:

<ftp://ftp.hungry.com/pub/hungry/lesstif/bindist/lesstif-0.91.4-1.i386.rpm>

Hope this helps,

- Rich

--

Catapultam habeo. Nisi pecuniam omnem mihi dabis, ad caput tuum saxum
immane mittam.

Where's Rich? <http://www.findu.com/cgi-bin/find.cgi?aa2ys>

Date: Sun, 12 Nov 2000 10:58:42 -0500 (EST)
From: Rich Mulvey <mulveyr@iname.com>
To: John Wagner <john@neknetwork.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83850] Re: PSK-31 Linux
Message-ID: <XFMail.001112105842.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 12-Nov-00 John Wagner wrote:

> Xm/ is the path to the Motif header files. You either don't have Motif
> installed or the Makefile isn't configured correctly. If you want Motif
> (a large clunky, but previously thought of "standard") it's now free at
> <http://www.openmotif.org>.
>

Actually, Linux people generally use Lesstif, a Motif clone. Lesstif also
tends to be much lighter weight than Motif - thank God. :-)

> I've been messing around with two of the Linux PSK programs. There are
> two that I think are almost useful are; gpsk and kpsk. I don't like
> either, but if you insist on running linux, I'd say these are your best
> bets.
>

I've had very good luck with Linpsk. It has a number of neat features - the
option to deal with multiple receive windows at once, automatic CQ's, etc.
It's definately more advanced than twpsk, which a lot of people seem to be
using. I haven't tried kpsk, myself, yet.

> Linux is lagging in this dept. Personally, I've been rebooting to
> windows and running digipan - it's far better then any of the linux
> programs available. kpsk shows the most promise, but don't hold your
> breath unless you want to work on it.

Well, that's one of the main points of Linux - everyone contributes to it. For example, I'm adding callsign lookup capabilities to Linpsk. Try adding features to Digipan, yourself. :-)

- Rich

--

Catapultam habeo. Nisi pecuniam omnem mihi dabis, ad caput tuum saxum immane mittam.

Where's Rich? <http://www.findu.com/cgi-bin/find.cgi?aa2ys>

Date: Sun, 12 Nov 2000 11:04:04 -0500

From: John R Kirby <n3aaz-qrp@juno.com>

To: qrp-l@Lehigh.EDU

Subject: [83851] PSK 10

Message-ID: <20001112.110410.-91855.0.n3aaz-qrp@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

It is 1530 Z . . . "Do you know where your" . . . RF is?

Don't go to 10 meters cuz it is too much fun.

WOW . . . Did you ever see so much activity / fun not to be a contest?

May be it is just my new 196 foot antenna,
if there is any RF in my back yard I now catch it.

Wake up John, just a NEW sun spot cycle and NEW mode.

The neat es orderly thing about this new software . . .

. . . i.e. digital age . . .

you could have more than one on the air PSK QSO going and e-mail at the same time . . .

QRP fun to the MAX . . . @ 1600 Z and

will see if my e-mail modem and PSK sound blaster and 'note book' all work at the same time HI HI

John
N3AAZ
FM 19 xa

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 12 Nov 2000 11:11:01 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [83852] Contest??
Message-ID: <054601c04cc3\$276d92c0\$a9125cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone know the dates for the following contest in 2001.

Louisiana QSO Party 2001?

Colorado Gold Rush?

Is this an actual contest? MI QRP Club Good Friday CW Sprint.

Thanks!!

72 & 73
Ron de WB3AAL
www.n3epa.org

Date: Sun, 12 Nov 2000 08:19:08 -0800
From: "Steve McDonald" <jsm@gulfislands.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <k7qo@primenet.com>

Subject: [83853] Tuna Tin Activities
Message-ID: <000901c04cc4\$62a11a00\$5d11f4cc@jms>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Marginal condx very early this morning (1100Z) until the auroral front pulled back around 1130Z...band suddenly filled with signals.

New ones:

1141Z W8WJJ 559 549 OH Jay answered my CQ
1150Z K3IU 559 549 RI Ken State # 42! answered my CQ / running a K2
1158 W5TB 559 529 TX Doc 5W answered my CQ along with K5XU
1203 K5XU 569 549 MS Mike State # 43! Tuna Tin pile-up! 5W
1222 KA0ENU 559 539 TN Joe answered my CQ...also using TT-II @ 250mW!

Well worth hauling my butt out of bed at 0300 today! It's amazing how quickly the auroral front can drop up and down to affect propagation so quickly. It is particularly noticeable on VHF (6m) but I am only starting to appreciate how quickly it affects 7Mc. as well...oops..showing my age...7MHz

QSLs and SASEs in the mail this week. Tnx guys.

72, Steve / VE7SL TT-II / 400mW / half-sloper / ocean

Date: Sun, 12 Nov 2000 11:18:09 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, Marshall Emm <mgemm@mtechnologies.com>, "Michael A. Gipe" <mgipe@reliablemeters.com>, Tom Palmer <n1tp@yahoo.com>, Bruce Rattray <rattray@gpfn.sk.ca>
Subject: [83854] Repeat--K0EVZ Final Log
Message-ID: <200011121118_MC2-BA93-57ED@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Several have asked me to re-post my final log from Thursday, 2 Nov 2000 (actually 0200Z, 3 Nov 2000). Thanks again, everyone, and be sure to hunt me again on Tuesday, 21 Nov 2000 (0200Z, 22 Nov 2000).

Time	Call	Rcvd	SPC	Name	Power
0201	WE9K	559	WI	Glenn	5w
0202	AA0ZZ	599	MN	Chris	5w
0203	VE5RC	559	SK	Bruce	5w
0204	KG4BIG	559	KY	Ken	5w
0205	K9IUA	599	ND	Kevin	5w
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0206	N1LN	599	TX	Bruce	5w
0207	N0AR	599	MN	Scott	5w
0208	N5ET	559	TX	Bob	5w
0209	K8CV	559	MI	Walt	5w (Doc's elmer!!)
0210	W0UFO	579	MN	Mert	3w
=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=					
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0211	WB8YRB	599	MI	Rob	1000w (easy copy)
0212	KA1DDB	559	MI	Mike	5w
0213	VA6RF	599	AB	Earl	5w
0214	W0RSP	579	SD	Ade	4w
0215	K0MP	559	CO	Bill	5w
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0217	NX9Z	559	WI	Steve	2w
0219	WA9TZE	559	WI	Jim	5w
0220	K7RE	559	AZ	Brian	5w
0221	AE9K	599	WI	Brian	5w
0222	WE6W	589	CA	Ed	5w
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0223	W0PWE	599	IA	Jer	5w
0224	WJ1R	559	CO	Larry	5w
0225	N0UR	579	MN	Jim	5w
0226	K5AAR	559	OK	Don	5w
0226	W8RU	599	MI	Ron	5w
=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=					
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0227	K5ZTY	559	TX	Bill	5w
0228	N1FN	559	CO	ET	5w
0229	W5SB	559	TX	Bill	5w
0230	KR5C	599	TX	Geo	4w
0232	KB7X	559	OR	Byron	5w

Message-ID: <000001c04cc4\$6288b000\$d990a98e@n8w8k5>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 8bit

Hello all of you,
The message below is very interesting.
Right now I am building a short vertical. It should work on 40 M and all the other band up to 10 M
I use a program call VERTLOAD to compute the length of the antenna and the characteristic of the coil.
You can find this program at
<http://www.btinternet.com/~g4fgq.regp/page3.html#S301>"
Take the time to browse at the beginning of the web site
<http://www.btinternet.com/~g4fgq.regp/> .
The botton of the antenna will have 3.6 metres (12 feets). It will be formed with 3 rods of copper tubing (3/4") with the appropriate fitting so it will be easy to mont and easy to store.
The coil will have about 0,1m long, formed by 42 turns of wire on a 3/4 wood dowel.
The upper part of the antenna will be form by 3 rods of copper tubing (1/2").
The full length of the antenna will have about 25 feet tall. It is very long for copper tubing. Hope It will stay up and straight :-))

The program tell me that the efficiency will be less than 10%. It seem very inefficient to me :-((
Does any one know a better way ?

Have a nice day,
Jean (VE2GHI)

```
----- Message d'origine -----
De : "Jim Hale" <kj5tf@yahoo.com>
      : "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Envoy  : 11 novembre, 2000 17:02
Objet  : 80M CW & PSK31 short vertical
```

```
> This morning I finished testing my new 80M antenna. I
> used the Basic program "Reducer".
```

```
<<<<<<<<<<snip>>>>>>>>>>>>>>>>>
```

[illegible]

> 72/3's de Jim KJ5TF
> "All Milliwatts, All The Time"
>
> =====
> <http://www.madisoncounty.net/~kj5tf/>
> Milliwatting Editor ARCI QRP Quarterly
> Join/renew membership QRP Amateur Radio Club International
> <http://www.qrparci.org/arcijoin.html>
> AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
> Private email kj5tf@madisoncounty.net
>
> -----
> Do You Yahoo!?
> Yahoo! Calendar - Get organized for the holidays!
> <http://calendar.yahoo.com/>
>

Date: Sun, 12 Nov 2000 11:27:12 -0500 (EST)
From: "John L. Sielke" <jsielke@pobox.com>
To: John Wagner <john@neknetwork.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83856] Re: PSK-31 Linux
Message-ID: <XFMail.001112112712.jsielke@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

I use LinPsk, which is a port of Winpsk. Excellent program, has "click to tune" like digipan, and supports several receive windows. Check these URLs

<http://linpsk.sourceforge.net/>
<http://sourceforge.net/projects/linpsk/>

John W2AGN

On 12-Nov-00 John Wagner wrote:

> Xm/ is the path to the Motif header files. You either don't have Motif
> installed or the Makefile isn't configured correctly. If you want Motif
> (a large clunky, but previously thought of "standard") it's now free at
> <http://www.openmotif.org>.
>

> I've been messing around with two of the Linux PSK programs. There are
> two that I think are almost useful are; gpsk and kpsk. I don't like
> either, but if you insist on running linux, I'd say these are your best
> bets.
>
> Linux is lagging in this dept. Personally, I've been rebooting to
> windows and running digipan - it's far better then any of the linux
> programs available. kpsk shows the most promise, but don't hold your
> breath unless you want to work on it.
>
> 73,
>
> John, KB1ENS

Date: Sun, 12 Nov 2000 11:35:27 -0500
From: Tom Mc <tjmc@erols.com>
To: NJ-QRP <njqrp@njqrp.org>, QRP-L <qrp-l@lehigh.edu>
Subject: [83857] FS : THP HT-750 , web address
Message-ID: <3A0EC6CF.E64A1491@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tks to all the replies about the web site being NG.

Seems lately that changes from rcn/erols no longer allow all CAPS in the
location address... but lower case works fine. SO, the corrected address
is;

www.erols.com/tjmc

tk's for the repl's

best
Tom aa2vk

>=====

For sale;

HT 750 with antenna / 3 loading coils and original mic... covers SSB/CW
on 40/15/6m, 3w on 40/15 - 2w on 6m.
Excellent condition, with box and docs, purchased by me direct from
THP.

Date: Mon, 13 Nov 2000 00:50:47 -0500 (EST)
From: n2go@arrl.net
To: qrp-l@Lehigh.EDU
Subject: [83858] soundcard/psk ?
Message-ID: <Pine.LNX.4.21.0011130047410.406-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

So now I am ready to make connections between the soundcard line in /out
and the digital interface.
The soundcard has stereo plugs. Which channel ? both?
Inquiring minds gotta know :)

73,

Jim n2go

Date: Sun, 12 Nov 2000 17:04:13
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [83859] Re: soundcard/psk ?
Message-ID: <200011121704.LAA22187@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Either..

Larry KA5T

On Mon, 13 Nov 2000 00:50:47 -0500 (EST), n2go@arrl.net wrote:

>So now I am ready to make connections between the soundcard line in /out
>and the digital interface.
>The soundcard has stereo plugs. Which channel ? both?
>Inquiring minds gotta know :)
>
>73,
>
>Jim n2go
>

Date: Sun, 12 Nov 2000 12:36:14 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [83860] Nov SS SSB
Message-ID: <001a01c04ccf\$0eec91e0\$ca075cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone operating the Nov SS SSB contest
next week with QRP??

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
 <http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Sun, 12 Nov 2000 10:39:31 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Ron Polityka <wb3aal@fast.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83861] Re: Nov SS SSB
Message-ID: <Pine.LNX.4.10.10011121038320.1079-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yep I will be there with a full Gallon. Calling CQ too so call me please.

On Sun, 12 Nov 2000, Ron Polityka wrote:

> Anyone operating the Nov SS SSB contest
> next week with QRP??
>
> 72 & 73
> Good DXing
>
> Ron Polityka
> de WB3AAL
> wb3aal@fast.net
>
> vvv Eastern Pennsylvania QRP Web Page vvv
> <http://www.n3epa.org>
> Eastern Pennsylvania QRP Club Call
> N3EPA E-mail address: n3epa@fast.net
>
> EPA QRP #1 ARRL Life Member
> KL7 QRP # 309 G-QRP # 3031
> ARCI QRP # 5318 10 - X #13173
> NorCal Zombie #625
> ARS # 380 HI QRP #153
> VA QRP Society #45 MI QRP #1703
> K2 sn1392 NJ QRP #179
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 12 Nov 2000 11:15:24 -0700
From: "Rod Cercone" <n0rc@hotmail.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [83862] RFI LDG DWM-4
Message-ID: <OE14Tv17PDqqgNjW0iy00000484@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

I'm considering the purchase of the DWM-4. But before I do, I'd like to hear from others who have experience with the unit.

My goal is to measure RF power accurately, 0-15W HF, 0-50W VHF. I see that the DWM-4 now comes assembled and calibrated. The LDG webpage doesn't offer a cal. spec. Has anybody checked a DWM-4 in a lab? How about long term accuracy? Is there anything about the DWM-4's design that would cause the calibration to drift significantly over time?

If the DWM-4 accuracy is good and stable, I'd also like use it as a "Cal. Reference" for homebrew goodies to take into harsh field environments.

73, Rod N0RC
Ft Collins CO

Date: Sun, 12 Nov 2000 13:18:15 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: kc8aon@juno.com, qrp-l@Lehigh.EDU
Subject: [83863] Re: RF Out of the shack
Message-ID: <20001112.131925.-270655.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hay Rick this post ain't critizen it is "in addition" to your post . . .

Yes, feed line velocity factor is required if you use a feed line.

Nice thing about this antenna . . .

No feed line is required or used.

The antenna 'flat top, connects direct to the 'network / tuner which is located in the shack.

(see . . . QRPp Summer 2000 page 4)

Yes, a factor called 'end effect is required for the 'flat top . . .

That factor was taken into account for my "234" number. . . BUT . . .

If you would like to start from scratch and

```
On Sun, 12 Nov 2000 08:30:47 EST Rick McKee <kc8aon@juno.com> writes:
>
>
>For example,
>if your favorite frequency is 3580.5 then
>divide 234 by Freq (MHz) then multiply the quotient by an odd number .
>.
>.
>
>(234 / 3.58) X 3 = 196 feet
>
>
>Don't forget to figure in the velocity factor for a feedline !
>
>Example: 450 Ohm Ladder line - velocity factor = .92
>
>    196 feet X 0.92 = 180.32 feet
>
>( a quarter wave for a feedline is slightly shorter than the
>freespace
>length )
>
>
>{
```


> >The soundcard has stereo plugs. Which channel ? both?
> >Inquiring minds gotta know :)

Date: Sun, 12 Nov 2000 11:28:23 -0700
From: "Tntjoe" <tntjoe@qwest.net>
To: "list QRP" <qrp-l@Lehigh.EDU>
Subject: [83865] Watt meter
Message-ID: <NEBBIJDBGLGEDGHDACCGIEEHCDAA.tntjoe@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello

Am looking for a inexpensive QRP watt meter am new to QRP so any help would
be appreciated
 tnx Joe

73
Joe KC7TNT

"It is a shame to do with more, when less will do."

Name TNTJOE
Ham Radio KC7TNT
Phone # 602-867-7045
Fax # 602-867-7045
Fists C/W Club # 4213
Fists CC # 864

Date: Sun, 12 Nov 2000 12:34:18 -0600

From: "George, W5YR" <w5yr@att.net>
To: jiboulj@globetrotter.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83866] Re: 80M CW & PSK31 short vertical
Message-ID: <3A0EE2AA.24D5D075@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jean, it seems to me that you are trading off a lot of efficiency for a height reduction of from 33 ft to 25 ft.

If possible, you will find that aluminum tubing will be much sturdier than the copper tubing, even at a 33 ft height.

That coil form factor would also seem to be less than optimum for this application. It is very long and narrow.

If you can get the tubing and have the room, a 33 ft vertical made of aluminum tubing would probably work much better for you. I know that mine works great!

It is unclear to me how you plan to operate the higher frequency bands with the fixed-inductance center loading coil.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Jean Jibouleau wrote:

> Right now I am building a short vertical. It should work on 40 M and all the
> other band up to 10 M

> The full length of the antenna will have about 25 feet tall. It is very long
> for copper tubing. Hope It will stay up and straight :-))

>

> The program tell me that the efficiency will be less than 10%. It seem very
> inefficient to me :-((

> Does any one know a better way ?

Date: Sun, 12 Nov 2000 11:48:50 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>

To: <tntjoe@qwest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83867] Re: Watt meter
Message-ID: <OE25ktLxHbHucVXqxsD0000005d2@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joe:

The most popular meter for QRP work is no doubt the OHR WM-2/WM-1. The WM-2 is available in kit from OHR/Milestone Technologies/Morse Express, www.ohr.com. If you are not interested in building I believe OHR offers a building service.

The WM-1 is no longer offered but you might find a good used one at good price. The difference between the two is minimal. The meter movement changed and the WM-2 can be powered by an external supply. The WM-1 is battery operation only.

Both meters measure 0-100mW, 0-1W and 0-10W, forward and reverse.

73, Rod N0RC
Ft Collins CO

----- Original Message -----

From: "Tntjoe" <tntjoe@qwest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, November 12, 2000 11:28 AM
Subject: Watt meter

> Hello
> Am looking for a inexpensive QRP watt meter am new to QRP so any
help would
> be appreciated
> tnx Joe
>
>
>
>
> 73
> Joe KC7TNT
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> "It is a shame to do with more, when less will do."
>
> Name TNTJOE
> Ham Radio KC7TNT

> Phone # 602-867-7045
> Fax # 602-867-7045
> Fists C/W Club # 4213
> Fists CC # 864
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>
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>

Date: Sun, 12 Nov 2000 19:55:31 +0100
From: "Hans Kaper" <hanskap@kaper-1.tmfweb.nl>
To: <qrp-1@Lehigh.EDU>
Subject: [83868] my view on cw speed
Message-ID: <000701c04cda\$70fa3080\$3f03643e@tm981195>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

As an European cw-operator (and beginner at that) I would like to make some remarks:

Over here we have many operators working cw at 14 wpm to 20 wpm. This does not encourage me to work on getting any faster; I work those that operate at my speed (abt 14 wpm) and ignore others. Having read the thread on cw speed here made me think about it. If everybody works 30 to 40 wpm and has to be encouraged to slow down now and then, it won't work. There should be plenty occasions to work at a lower speed for beginners, so you should QRS as often as possible when asked for, but on the other hand, my approach must be to speed up as soon as I can.

The other day I heard a Latvian call CQ and I need him as new country. He heard me alright and came back to me at abt 30 wpm. I asked him QRS 12 and he (or she) simply called CQ again at 30, totally ignoring me. It is not polite, even no good Ham spirit, but all the same I didn't bag the new country.

Well, it's not much but it was just my 2 cents worth (as I believe you call it)

Hans Kaper PA3HGM

Date: Sun, 12 Nov 2000 12:31:12 -0700
From: "Benedict B. Cruise" <B.Cruise@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [83869] IC706MKIIG tuner button
Message-ID: <002e01c04cdf\$1e7e8540\$6d814a0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The 706 has a tuner button that produces a 10 watt cw signal for tuning. It only works with the IC auto tuner. I want to use this feature with a different ant. tuner. I hear there is a plug-in module that will produce the cw sig. at 10 watts when the button is pushed. It sells for \$39, and plugs into a port on the rear of the 706. Anyone have experience with this plug-in? Anyone have a cheaper solution
73, Ben N0LNW

Date: Sun, 12 Nov 2000 11:44:52 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: QRP List <qrp-1@lehigh.edu>
Subject: [83870] Re: 80M CW & PSK31 short vertical
Message-ID: <3A0EF334.56C52A65@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This thread has made me start thinking about how I can put up a long/high vertical.

Maybe this should be called a "Crazy Antenna Idea", but I have a 60 ft palm tree and I'm thinking of launching a wire up toward the top. Of course it would have to be flexible wire and not taut, since palm trees move around a lot.

Has anyone out there used a palm tree as a place to tie an antenna to?

73, Phil W7OX

Date: Sun, 12 Nov 2000 12:07:49 -0800
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'w5yr@att.net'" <w5yr@att.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83871] RE: 80M CW & PSK31 short vertical
Message-ID: <131CE266CAD0D211B3550008C7C9A2D53216B1@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

If your equipment budget permits, here is another option which is mechanically easier and covers many bands:
Put up a vertical using telescoping aluminum sections and hose clamps to secure them. Attach the bottom to a base insulator.
Feed the vertical with an outdoor automatic antenna tuner or coupler. The best length is $5/8$ wavelength at the highest frequency you want... so if you use 10M a lot, and need the low radiation angle on ten, make the antenna 20-22 feet. If you operated the most on 14 Mhz and below, the length could be 42 feet (more effective on 80M).
When the antenna is longer than $5/8$, there will be multiple lobes at high angles.
Use a good set of radials if ground mounted, make them all the same length and do not bury too deeply. Use 4 or more for roof mount.
73
Jay
W6CJ

-----Original Message-----
From: George, W5YR [mailto:w5yr@att.net]
Sent: Sunday, November 12, 2000 10:34 AM
To: Low Power Amateur Radio Discussion
Subject: Re: 80M CW & PSK31 short vertical

Jean, it seems to me that you are trading off a lot of efficiency for a height reduction of from 33 ft to 25 ft.

If possible, you will find that aluminum tubing will be much sturdier than the copper tubing, even at a 33 ft height.

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72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Jean Jibouleau wrote:

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all the
> other band up to 10 M

> The full length of the antenna will have about 25 feet tall. It is
very long

> for copper tubing. Hope It will stay up and straight :-))

>

> The program tell me that the efficiency will be less than 10%. It seem
very

> inefficient to me :-((

> Does any one know a better way ?

Date: Sun, 12 Nov 2000 14:11:34 -0600

From: Lew Paceley <lew@paceley.com>

To: tntjoe@qwest.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [83872] Re: Watt meter

Message-ID: <00b101c04ce4\$c1ad7a00\$0332a8c0@roland.swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Hi Joe,

Not sure what you consider inexpensive but here's the list I
considered:

- 1) A homebrew RF probe connected to a 50 ohm dummy load
 <\$10; Requires 10-11Mohm input impedance voltmeter;
 Not direct reading - must calculate power using formula.
 Example: http://www.njqrp.org/mbrproj/rf_probe.html
- 2) Direct Readout Homebrew
 - a) N7VE LED Power meter:
 <http://www.extremezone.com/~nk7m/ledpwr.htm>

(<\$15 with case)

b)QST Magazine, _The Micromountaineer Revisited_,
July 2000, page 32 (<\$25 with case)

3) The TenTec 1202 (kit)

\$49.95(kit)+shipping; As shipped designed for 20W/200W;
Requires recalibration of one of the ranges to
accurately measure lower power (straightforward?);
Ten Tec rugged; measures 2m SWR/power too
<http://www.tentec.com/Tk1202.htm>

4) The OHR WM2 (kit)

\$89.95(kit)+shipping; ranges from <100mW - 10 Watts;
Considered by many to be the best QRP wattmeter.
My guess - probably the single most popular QRP
wattmeter.
<http://www.ohr.com/wattmeter.htm>

I ended up building the QRP wattmeter in the July 2000 QST
article and I have also built an RF probe from the handbook.

There are many other solutions including the high end Bird
wattmeters as well as various SWR/Wattmeter combinations
from everybody from RadioShack to Daiwa. Others will chime
in with their favorites. My list is organized for cost
(<\$100) and purpose (QRP). Hope this helps and good luck.

72/73,
Lew
N5ZE

> Hello
> Am looking for a inexpensive QRP watt meter am new to QRP
so any help would
> be appreciated
> tnx Joe
>

Date: Sun, 12 Nov 2000 15:39:32 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>

To: qrp-1@lehigh.edu
Subject: [83873] FS: T-T Scout 555
Message-ID: <200011122014.PAA20484@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

For Sale, Ten-Tec Scout 555
Clean, hardly used
1st year production
80,40 and 30M band modules
T-T hand mic
power cord
manual
\$350.00 Shipped

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 12 Nov 2000 14:22:10 -0600
From: "DONALD G. DORN" <DDORN@CWIS.NET>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [83874] Re: Nov SS SSB
Message-ID: <3A0EFBF2.6BDE3CED@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>>>Yep I will be there with a full Gallon. Calling CQ too so call me >>please.

>>On Sun, 12 Nov 2000, Ron Polityka wrote:

> Anyone operating the Nov SS SSB contest
> next week with QRP??

Me too. But not with a gallon, more like a half pint. :)
Don K5AAR

Date: Sun, 12 Nov 2000 15:27:07 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [83875] W/R ANT... NEED HEP... PLEASE

Message-ID: <20001112.152709.-165035.0.hamjoel@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Neard ur hep folk

i'm still toying with my 40mtr yagi and I just came in from outside looking at the trees...

As I understand (means I could be wrong) a reflector is mainly for impedance match... not too much to do with gain...

so I was wondering could I put two directors... one at .1 wave and the other at .15wave spacing and come up with a workeable ant... both directors would be the same length 62ft and the driven element 66ft and the total length of invisible boom would be 14 + 21 ft = 35ft...

my other option under serious consideration is to use two phased dipoles... but don't kneaux the gain of that either...

any helps appreciated and please keep it simple , I is just a young cajun lad not an EE

KE1LA JOEL

IN MAINE

OO AND 72 AND OINK OINK FROM MY GUINIES

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 12 Nov 2000 13:19:31 +0000

From: Chuck Adams <k7qo@primenet.com>

To: jamesd1@flash.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [83876] Re: QRP at the North Pole

Message-ID: <4.3.2.7.0.20001112131440.00ad1960@pop.primenet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:40 PM 11/11/00 -0700, James R. Duffey wrote:

>The cover of the December 2000 QST shows Santa Claus building what appears

>to be a Red Hot Radio. Being at the North Pole, I suspect that it is a RH-20

>version.

>James R. Duffey KK6MC/5

And why is he soldering on something that is already built???? :-)

Also note on the "workbench" a couple of ugly constructed projects.

I have built several of my own workbenches using solid core oak doors that you can get at Home Depot. Now they come in primed finishes. I miss the real wood ones they used to carry. And I don't think anyone in this group would use the workbench shown on the cover of QST. :-)
Too many ways to lose the small parts we all use and then the clip leads would really clutter up the floor/carpet underneath. I have discovered clipped leads before when barefoot. I don't recommend it for the faint hearted. :-)

FYI

Chuck Adams, K7Q0 Prescott, AZ

Date: Sun, 12 Nov 2000 15:46:18 -0500
From: "Mark Fancher" <mmfanche@gateway.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83877] Re: Watt meter
Message-ID: <001401c04ce9\$9d3a2ba0\$d2d3193f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joe,

I've never bought an SWR/Wattmeter, but I've built a few of my own.

First, W1FB's QRP Notebook has a description of a circuit first published in SPRAT. It originally came from GM4ZNX. It has minimal components, and I got the etched board from FAR circuits. The biggest expense is the microamp meters, but you could probably get by with one (although two makes it pretty nifty).

Second, I built W7EL's, A Simple and Accurate QRP Directional Wattmeter, found in the ARRL Handbook (1992). If you don't have the handbook, you could probably get the article from the ARRL reprints. It also has an etched circuit board from FAR. Once again, common parts prevail in the design.

Finally, I built the Super Simple SWR Indicator by K1KP. It was in QRP Power as a reprint from QST, June 1995. It won't give you power output, just an indication of SWR using LEDs. Good for field day.

If you need to calibrate an SWR/Watt meter, it helps to have an oscilloscope, or an accurate RF probe. O-scopes are too expensive for my shack, so I use a Fluke 85 RF Probe with a Fluke 79III Multimeter. Using the probe with a 50 ohm dummy load gives me accurate and repeatable measurements. I assume you could use this method to calibrate any SWR/Watt meter you build.

Hope this helps!

Mark, W09G

----- Original Message -----

From: "Tntjoe" <tntjoe@qwest.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, November 12, 2000 1:28 PM

Subject: Watt meter

> Hello

> Am looking for a inexpensive QRP watt meter am new to QRP so any help would

> be appreciated

> tnx Joe

>

>

>

> 73

> Joe KC7TNT

>

>

>

> "It is a shame to do with more, when less will do."

>

> Name TNTJOE

> Ham Radio KC7TNT

> Phone # 602-867-7045

> Fax # 602-867-7045

> Fists C/W Club # 4213

> Fists CC # 864

>

>

>

>

>

>

>

>

>

>

Date: Sun, 12 Nov 2000 20:56:17 +0000
From: Euramcom <mel@euramcom.freemove.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [83878] QRP power meters
Message-ID: <E13v4Fv-0004Ea-00.2000-11-12-21-01-40@mail6.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi there,

Dave Stockton' design (GM4ZNX) has to be one of the best ever=
home
brew power meters. Built properly (as symmetrically as possible)
without parts substitutions it performs as per the original design=
and
is so easy to set up.

I think Bill Kelsey at Kanga US has access to parts kits for=
this,
but I may be wrong, certainly Kanga here does a partial and full=
kit
for the unit.

For absolute best results build it into a diecast box with good=
RF
practices and you won't go wrong. I have one of the original=
pre-kit
"kits" direct from Dave (he is a member of one of the local clubs=

here) and I can tell you this is as accurate as some of the=
pretty
expensive Marconi stuff I can use at work, and in quarter the=
size
and about one tenth the price.

Regards

--72 and 73 de Mel Evans, e-mail mel@euramcom.freemove.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeseerve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Sun, 12 Nov 2000 14:04:59 +0000
From: Chuck Adams <k7qo@primenet.com>
To: marion@montana.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83879] Re: SS Score & Comments
Message-ID: <4.3.2.7.0.20001112133831.00b1d430@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:11 PM 11/10/00 -0700, Roy wrote:

>The CW activity was down, and will go down year by year.

I thought the ARRL was getting record number of entries every year in SS.

> The insistence that CW contesting be done at 40wpm and up is
> discouraging to new hams.

I think in general the hobby has grown to the point where it just might be
intimidating to any new comer. For those that have been in the hobby for
30+ years
there are certainly a lot of new modes that we know very little about if we
don't
sit down and do them. For some of us we started when SSB (A3j) was a new
mode up
and coming.... :-)

> Enjoy CW while you can, she's sinking fast. 73 Roy AB7CE
As for myself --- I'll go down with the ship. She has been good to me.

I think too many are blaming the mode and not looking at the big picture.
Here's my two cents worth.

1. Don't look at the number of hams listed by the FCC et.al.
2. Look at the number of hams that are on the air and where they are.
More than 50% that are active are on 144MHz and above. Why do people
use the cell phone and HTs? It's more reliable than trying to work HF
where propagation comes and goes at any time and it requires more time
and equipment and patience. The latter being the most important one.

In the tri-city area where I live there are over 2,700 hams listed in QRZ CDrom. I know for a fact that 99% of them are inactive and a few even have verticals in their back yards but never use them.

3. I only worked at couple of guys at more than 30 wpm during this years SS. The number of QRQ (high speed) ops is down also. When I plopped down on a frequency as long as I could hold it and called CQ I did so at 26wpm and worked my way DOWN in speed just to allow the slower guys/girls to give me a try. That's part of how I managed 602 Qs this year.

This has been beat to death by any number of posts but the CW ops that can QRQ are going to start out that way. They get the highest rates at that time by working all the other good high-speed testers before settling down to dig out each and every Q they can get afterwards. It's easy to be on the sidelines critiquing their operation but then the same people doing the critiques wonder how those same people get such high scores..... The saga continues every year.

I spend at least two hours per day on Morse. The slow guys have got to ask themselves how much per day do they do and when will they start spending time on it? Help is on the way if you can get the time each day. I'm looking for a daily news source that is not copyrighted or I can get permission to use.

Those of us that have been around a while can tell you of the daily sitting at the receiver and copy in morse of the news from API, UPI, and other news sources. It is probably another reason I don't mind the daily exercise.

During the last foxhunt Pat did 127 Qs. Did everyone see how he did it? Lessons to be learned by many.

Bad news good news! Bad news --- number of stations down in SS (but I couldn't tell that from where I was and I personally think the numbers are up). Good news --- the number of QRPers was up in the contest. Result: in a few years the contest will be all QRP!!! :-) Not to mention the number of HB rigs was up this year. So if you did not enter SS this year and you might want to try. Then work

the fox
twice a week or more, work every NorCal contest, ARCI contest, and QSO
party between
now and Nov of next year. I guarantee you will be ready by then. Just do it.

And a couple of things that every contesteer should know.

Behind every dark cloud there is a silver lining. Probably lightning. :-)

The light at the end of the tunnel is a train and you are on the track. :-)

FYI

dit dit es cu nxt yr

K7QO/7 in WY in 2001 CW SS

K7QO 95,116 pts 2000 CW SS

Chuck Adams, K7QO Prescott, AZ

Date: Sun, 12 Nov 2000 15:19:10 -0600
From: "George T. Baker" <w5yr@att.net>
To: k7qo@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83880] Re: QRP at the North Pole
Message-ID: <3A0F094E.AACE611C@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The recent QST covers have reflected the uninformed view of the
photographer rather than what makes sense to almost any reader. That
"bench" is really the last straw . . . I wouldn't make kitchen shelves
on that thing.

Guess that comes with moving into the big time with lots of graphic
designers, etc. on the QST payroll instead of hams who actually build
and do things.

Grouch - grouch . . . <:}

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Chuck Adams wrote:

> And why is he soldering on something that is already built???? :-)
>
> Also note on the "workbench" a couple of ugly constructed projects.
>
> I have built several of my own workbenches using solid core oak doors
> that you can get at Home Depot. Now they come in primed finishes.
> I miss the real wood ones they used to carry. And I don't think anyone
> in this group would use the workbench shown on the cover of QST. :-)
> Too many ways to lose the small parts we all use and then the clip leads
> would really clutter up the floor/carpet underneath. I have discovered
> clipped leads before when barefoot. I don't recommend it for the faint
> hearted. :-)

Date: Sun, 12 Nov 2000 16:58:28 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k7qo@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83881] Re: QRP at the North Pole
Message-ID: <004c01c04cf3\$b2ecc840\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> And why is he soldering on something that is already built???? :-)

Maybe it's a repair... From trying to build something on
that bench?

Date: Sun, 12 Nov 2000 17:24:55 -0500 (EST)

From: baltimoremd@baltimoremd.com
To: "George T. Baker" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83882] Re: QRP at the North Pole
Message-ID: <Pine.BSI.4.05L.10011121712560.12316-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Guess that comes with moving into the big time with lots of graphic
> designers, etc. on the QST payroll instead of hams who actually build
> and do things.

On the other hand....if QST feels a need to offer items the readers(or
perceived readers) want...and the hobby is becoming less technical, with
less attention paid to activities that require effort(cw), we should not
be surprized to see slick and glossy and color.

Like it or not, the ranks of Ham radio are being increased by folks who
may not have the same interest in building rigs, testing, experimenting
and all that messy technical stuff.

So, instead of articles on how to trouble-shoot your rig(with so many new
rigs not really repairable by most hams)..QST has to have content that
will appeal to folks who may have no interest in deeper technical
subjects.

Little things go by the wayside...the use of high glass paper makes it
difficult for some with glasses to read....BUT, it's the trendy thing in
publishing(A few High-Tech journals are now printing on non-glossy paper -
with lots of positive comments from their readers).

> > Grouch - grouch . . .

No...I think it's more of an observation about the differences between
selling the steak, versus the sizzle.

QST is starting to look like a novice webmasters site...Lots of
bells, lights and whistles, colorful, but not particulary efficient in
delivering information.

Flame suit on here.

<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Sun, 12 Nov 2000 15:14:02 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [83883] (FOX)- Final Final Log - I made more mistakes
Message-ID: <B6346439.3652%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

All - I made at least one error in the corrections, so here it is again.

Time	Station	RST	QTH	Name	PWR
0200	NK6A	559	CA	Don	5W
0202	W0CH	579	MO	Dave	5W
0204	N5TW	559	TX	Tom	5W
0205	WA50JE	559	TX	Danny	5W
0206	KK5LD	559	TX	Dan	5W
0208	N1LN	559	TX	Bruce	5W
0209	K5OI	599	NM	Tim	5W
0211	W5YR	559	TX	George	5W
0212	N5EN	559	TX	Steve	5W
0213	K5DI	589	NM	Karl	5W
0214	NQ7X	559	AZ	Floyd	5W
0216	K5VUU	559	TX	Ed	5W
0217	N5ET	559	TX	Bob	5W
0218	K7RE	559	AZ	Brian	5W
0219	K5ZTY	559	TX	Bill	5W
0221	AC5JH	559	OK	Tom	5W
0222	W5SB	559	TX	Bill	5W
0223	K10J	559	TX	OJ	5W
0224	KC1FB	339	CT	Jim	5W
0225	KQ5U	559	TX	Terry	5W
0229	K5LN	559	TX	Bill	5W
0230	K5AAR	559	OK	Don	5W
0231	N5ZE	559	TX	Lew	5W
0232	NK7M	579	AZ	Bob	5W
0235	AA0ZZ	599	MN	Craig	5W
0236	N5UW	559	OK	Clif	5W
0237	K0MP	559	CO	Bill	5W

0239	WA9TZE	559	WI	Jim	5W
0241	WB5QYT	599	NM	Tom	2W
0243	N1FN	559	CO	ET	5W
0246	W5USJ	559	TX	Chuck	4W
0247	K0FRP	599	CO	Al	5W
0248	K5E0A	579	LA	Wayne	5W
0250	K5DW	559	TX	Don	5W
0251	W5HNS	569	TX	Henry	5W
0254	WA7LNW	599	UT	Jack	5W
0256	K5AEM	599	TX	Jon	5W
0258	K0EVZ	579	ND	Doc	5W
0259	K8CV	559	MI	Walt	5W
0301	WJ1R	559	CO	Larry	5W
0303	W0JVE	559	MO	Joe	5W
0303	NK9G	559	WI	Rick	5W
0306	AE9K	559	WI	Brian	5W
0308	AK1P	559	CA	Paul	5W
0309	N1TP	559	FL	Tom	5W
0312	W8SFF	559	MI	Steve	5W
0314	N6WG	559	CA	Bob	5W
0316	W0PWE	599	IA	Jer	5W
0317	W0RSP	569	SD	ADE	5W
0319	N0TU	599	CO	Steve	5W
0320	W9XU	559	WI	Lon	5W
0322	K4FB	559	FL	Paul	5W
0323	KR5C	599	TX	George	4W
0325	N4ROA	559	VA	Dan	4W
0327	K0PC	579	MN	Pat	5W
0327	AF4PS	579	FL	Mac	5W
0330	W0UFO	559	MN	Mert	3W
0332	KA1DDB	559	MI	Mike	5W
0334	N2LO	559	NJ	Bob	5W
0236	WE9K	559	WI	Glenn	5W
0337	N9AW	559	WI	Jerry	5W
0339	N5IB	559	LA	Jim	5W
0341	AF4LQ	569	KY	Mike	5W
0342	K5RV	559	LA	Brian	5W
0344	WA7SPY	559	CA	Glenn	5W
0346	K7FD	559	OR	John	5W
0346	N0AR	559	MN	Scott	5W
0348	WS4S	559	TN	Gotard	5W
0350	NM5M	579	TX	Eric	5W
0352	W2XN	559	FL	Fred	5W
0355	K4BYF	559	FL	Jack	5W
0357	K4TJD	559	GA	Tom	5W
0358	K7EL	559	OR	Dave	5W
0359	VA6RF	559	AB	Earl	5W
0400	KK6MC/5	339	NM	Jim	0W

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 12 Nov 2000 22:03:58 +0000
From: Nils B Young <rantinen@juno.com>
To: QRP-L@lehigh.edu
Subject: [83884] Switching balun ratios & great antenna weather
Message-ID: <20001112.220416.-307645.0.rantinen@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Ok, has anyone ever tried putting a switch on a 1:1 toroid balun to switch between 1:1 and 4:1? It looks logically simple enough. Eh?

It's been a beautiful weekend here. Clear skies, the sun low in the sky giving everything that same golden glow that I observed nearly 30 years ago on the pillars of the Acropolis' temples. Too bad my nose is runnin' like a politician or I'd go outside & do some antenna work.

A couple days ago -- BS (before sick) -- I thought about putting together a rotary inductor/hv capacitor L network that I could drive with motors. Then I remembered the metal-chip-in-the-eye episode & went looking at the two remote/automatic antenna tuners that I know of. (Yes, I have a Z-11 but it's not quite up to takin' the big hootie powa that I need for LNR episodes.) And then Cindy got around to doing the electronic bill payin' and came across my \$668 purchase of the SG-2020.

"What'd you buy?"

"A radio."

"Another radio?"

"A nice radio."

" . . . Ok . . . Just don't spend any more money right away . . . "

"Ok . . . (wimper-winper shuffle-shuffle . . .)"

Guess I'll be a while getting the AT-11.

I have to admit that it's very interesting using a radio that obviously started out as a SSB radio on CW. Not that it don't work. The SG-2020 I

mean. Or relearning again (deja vu all over again) that the RF gain pot has a lot to do with what you hear. (Funny too, 'cause that's how I control the AF on the R-174 . . . which has taken up residency on 9445 for Turkeyenin Sesi Radyosu.) And then we add in the different antenna systems.

My oldest son came by in repentance for missin' his brother's 13th birthday. I mentioned that I could use a couple four sections of tower for the Solstice money spending. I got the response I figured I would (he's been listening to his mother): "Yeah, right."

I seem to remember that 4:1/1:1 balun switch thing from somewhere. Might even have been a couple different ratios . . . for mobile antenna "matching."

73

Nils

. . . wanna feel good about your home language? check out the verb structure in Turkish . . . special endings for "reported speech" &c . . . reminds me of the high school Spanish teacher who said "I never use the subjunctive . . . it's too hard to figure out." . . . (and she's teaching!)

Nils R. B. Young -- El Gringo Errante -- W8IJN -- The Tagalong Press
<http://www6.50megs.com/w8ijn> -- <http://members.fortunecity.com/nilsbull>
"In MY day you had to FIGHT to have finals! Every DAY was a STRUGGLE!"
Comrade Nikolai

Sergeiovich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 12 Nov 2000 16:19:40 -0600
From: "Aartec" <aartec@dwx.com>
To: <qrp-1@Lehigh.EDU>
Subject: [83885] Re: Brass Paddle Plans
Message-ID: <000001c04cf6\$a90de5e0\$b1c6cecf@b6v6o9>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It wouldn't provide much of a challenge to the milling machine but an interesting paddle design was "The Torsion Bar Key" by Thomas Leary, W0VTP in Dec. 1982 QST.

72

Jerry

W0PWE

Date: Sun, 12 Nov 2000 18:00:16 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: baltimoremd@baltimoremd.com
Cc: qrp-l@lehigh.edu
Subject: [83886] Re: QRP at the North Pole
Message-ID: <3A0F2100.600D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thom,

In days past "the photographer" was a portrait studio in Hartford! I don't know who does it any more, for a while it was supposedly done in house! In any event, the cover requirements presented to the photographer most likely were heavily weighted toward good graphic design, not technical accuracy! Having more than a passing interest in, and experience with professional photography, I can tell you the advertising department is more intersted in doing an eye catching cover than an accruate one. I would bet that we are the only group who is nit picking the cover! How many Santa's have you seen on December covers? Think they are all hams?

73

Date: Sun, 12 Nov 2000 18:10:58 EST
From: N0tk@aol.com
To: k7qo@primenet.com, qrp-l@lehigh.edu
Subject: [83887] Re: QRP at the North Pole
Message-ID: <82.2c3dec1.27407d82@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hey Chuck

72

Highlands Ranch, CO

On Sun, 12 Nov 2000, Bruce Muscolino wrote:

It's the old saw about form versus content.

Date: Sun, 12 Nov 2000 16:21:59 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "DONALD G. DORN" <DDORN@CWIS.NET>

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [83889] Re: Nov SS SSB
Message-ID: <Pine.LNX.4.10.10011121620240.783-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Lest I be miss understood, a Full Gallon is *EXACTLY* 5.0000 Watts.

On Sun, 12 Nov 2000, DONALD G. DORN wrote:

> >>>Yep I will be there with a full Gallon. Calling CQ too so call me >>please.
>
> >>On Sun, 12 Nov 2000, Ron Polityka wrote:
>
> > Anyone operating the Nov SS SSB contest
> > next week with QRP??
>
> Me too. But not with a gallon, more like a half pint. :)
> Don K5AAR
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 12 Nov 2000 16:46:47 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Hans Kaper <hanskap@kaper-1.tmfweb.nl>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83890] Re: my view on cw speed
Message-ID: <Pine.LNX.4.10.10011121636300.783-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That is what I call being a whole hog snob. I expect he or she is very old and can't be bothered by changing speed, or, for that matter having a QS0. I hear them on 15 meters often from here Hans. I can copy 30 wpm with difficulty and have had stations calling CQ at that speed just not come back at all. I have called QRP of course and worry that they don't hear me, but they just don't come back to anyone.

I was taught to answer a station at about the speed they are

sending. But have found out often a person can send faster than they can receive. So it's good to answer slower and speed up later if it works.

On Sun, 12 Nov 2000, Hans Kaper wrote:

> Hello,
> As an European cw-operator (and beginner at that) I would like to make some
> remarks:
> Over here we have many operators working cw at 14 wpm to 20 wpm. This does
> not encourage me to work on getting any faster; I work those that operate at

> The other day I heard a Latvian call CQ and I need him as new country. He
> heard me alright and came back to me at abt 30 wpm. I asked him QRS 12 and
> he (or she) simply called CQ again at 30, totally ignoring me. It is not
> polite, even no good Ham spirit, but all the same I didn't bag the new
> country.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 12 Nov 2000 16:48:47 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <hamjoel@juno.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [83891] Two Element Yagis - The Purpose of the Reflector and Director
Message-ID: <B6347A6E.3665%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Joel - I suggest reading L.B.'s comments on 2 element beams. Also, W2PV's series on Yagis has good information. Moxon's book, "HF Antennas for All Locations" is also a good reference. The ARRL antenna book used to have a lot of good information on 2 element Yagis, but they have dropped it in the most recent edition (18th here). I don't understand this, as understanding of the 2 element Yagi is key to understanding the multielement Yagi.

The reflector influences more than just impedance, it also influences gain and front-to back-ratio. Gain with a reflector is somewhat less than with a driven element, but the behavior with a reflector is much better than with a director. The high gain available with a director only holds over a small bandwidth. The reflector configuration is much broader in response, although the peak gain available is slightly less.

I would suggest using a Moxon Rectangle for a good easy to build 2 element

beam. Check L.B.'s web page for details. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 12 Nov 2000 18:54:00 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [83892] Re: QRP at the North Pole
Message-ID: <00cb01c04d04\$085e9c80\$bfb8183f@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce and all,
But, we hams are most of the folks reading QST. I believe that even the
cover should represent 'good engineering practices' rather than
concentrating glitzy stuff - with a little effort, the good engineering
practices can be made to look interesting too without showing stuff that is
impractical.

73,
Don Wilhelm -Chapel Hill, NC
W3FPR QRP-L # 485 K2 SN 0020

----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
> ... I would bet that we are the only group who is nit
> picking the cover! How many Santa's have you seen on December covers?
> Think they are all hams?
>

End of QRP-L Digest 2004

